BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:- Package 02 includes 2 works of Rs. 133.00 lakhs.

1).Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura .Est cost:85.00 lakhs

2). Improvements to drains from 15th cross in jakkur layout and construction if rain water units and desilting of drains in ward no.07, Byatarayanapura. Est cost:48.00 lakhs.

ABSTRACT

1st and part bill

1).Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura .Est cost:85.00 lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE					
KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA					
Name of work		Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura			
First and final bill		Work order amt: 12468819.61 (Excluding GST)			
Job code		007-19-000012 AND 007-20-000074			
P-code					
Agency		Sri. Ramesh U			
SI NO	Description	unit	Qty	RATE	AMOUNT
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		780.01		
	Present Qty page-4		780.01		
	Previous Qty		0.00		
	Total Qty		780.01		
	BOQ Qty		3013.80		
	Now To Be Paid Qty		780.01	144.65	112828.22
10	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading. dumping turning for return trip, excluding time for haulage and return trip complete as per specification as per item no.1 page-4				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty		780.01		
	Previous Qty		0.00		
	Total Qty		780.01		
	BOQ Qty		3013.80		
	Now To Be Paid Qty		780.01	99.03	77244.23

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

11	Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia				
	Name of work	mtr			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty page - 5		54.00		
	Previous Qty		0.00		
	Total Qty		54.00		
	BOQ Qty		54.00		
	Now To Be Paid Qty		**54.00**	**3858.78**	**208374.12**
12	Providing 100mm and down size nominal size				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty page - 6		6.05		
	Previous Qty		0.00		
	Total Qty		6.05		
	BOQ Qty		10.32		6272.04
	Now To Be Paid Qty		**6.05**	**1036.70**	6269.96
13	Providing 40mm and down size nominal size				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty page - 6		3.02		
	Previous Qty		0.00		
	Total Qty		3.02		
	BOQ Qty		4.75		3459.92
	Now To Be Paid Qty		**3.02**	**1145.67**	3464.51
14	Providing 20mm and down size nominal size				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty page-7		1.98 2.02		
	Previous Qty		- 0.00		
	Total Qty		1.98 2.02		
	BOQ Qty		3.73		
	Now To Be Paid Qty		**1.98 2.02**	**1145.67**	2309.67

2268.42

Assistant Engineer

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Bangalore - 560 092

15	Providing Fine aggrgate 2.36mm nominal size				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty Page - 7		1.44 1.51		
	Previous Qty		0.00		
	Total Qty		1.44 1.51		
	BOQ Qty		2.80		1593.63
	Now To Be Paid Qty		1.44 1.51	1106.69	1673.32
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick.				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		1903.50		
	Present Qty page 10		1903.50		
	Previous Qty		0.00		
	Total Qty		1903.50		
	BOQ Qty		1903.50		
	Now To Be Paid Qty		1903.50	778.88	1482598.08

Assistant Engineer

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Kodigehalli S/D Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration inlcuding curing for 14 days including cost of all materials labour, HOM curing, form works, scaffolding and centering complete as per specification				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		122.54		
	Present Qty page 17		122.54		
	Previous Qty		0.00		
	Total Qty		122.54		
	BOQ Qty		186.36		697420.48
	Now To Be Paid Qty		**122.54**	**5691.37**	697392.02
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		183.20		
	Present Qty page-20		183.20		
	Previous Qty		0.00		
	Total Qty		183.20		
	BOQ Qty		183.20		
	Now To Be Paid Qty		**183.20**	**902.39**	165317.85
5	Providing granite slabs of selected quality roughly dressed and fix-10cms thick xed in cement mortar (1:6) including fixing curing etc.				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		990.00		
	Present Qty page - 25		990.00		
	Previous Qty		0.00		
	Total Qty		990.00		
	BOQ Qty		990.00		
	Now To Be Paid Qty		**990.00**	**1014.77**	1004622.30

Assistant Engineer

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Bangalore - 560 092

6	Providing one line dressing to granite stone slabs/granite stone masonry as per specification.				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		1373.85		
	Present Qty page-27		1373.85		
	Previous Qty		0.00		
	Total Qty		1373.85		
	BOQ Qty		1374.00		
	Now To Be Paid Qty		**1373.85**	998.08	1371212.21
7	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting				
	Name of work	nos			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		4037.00		
	Present Qty page 31		4037.00		
	Previous Qty		0.00		
	Total Qty		4037.00		
	BOQ Qty		4072.00		
	Now To Be Paid Qty		**4037.00**	490.69	1980915.53
8	:Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specification				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		1812.15		
	Present Qty page-33		1812.15		
	Previous Qty		0.00		
	Total Qty		1812.15		
	BOQ Qty		1832.40		
	Now To Be Paid Qty		**1812.15**	41.17	74606.22
9	Providing and fixing MS Grating 260x260 mm				
	Name of work	nos			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura		254.00		
	Present Qty page-33		254.00		
	Previous Qty		0.00		
	Total Qty		254.00		
	BOQ Qty		360.00		
	Now To Be Paid Qty		**254.00**	88.96	22595.84

Assistant Engineer

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Kodigehalli Sub Division
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Abstract

16	Direction and place identification signs upto 0.9 sqm size Board - Providing and erecting direction and place identification retro-reflectorised signs as per revised IRC : 67-2012 made of high intensity grade sheeting vide clause 800.1.3, fixed over aluminium sheeting, 2mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75x75x6mm firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 45x45x60cm, 60cm below ground level as per approved drawing complete as per specifications. MORTH Specification No.801 Type IV sheeting				
	Name of work	nos			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty Page - 34		36.00		
	Previous Qty		0.00		
	Total Qty		36.00		
	BOQ Qty		36.00		
	Now To Be Paid Qty		36.00	7636.34	274908.24
17	Providing and applying readymix priming coat concrete / masonry / asbestos cement sheet /plasterd surface including preparing the surface after throughly cleaning of oil grease dirt and other foreign matter and sand papering cost of materials labour as per specifications				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty Page - 34		305.20		
	Previous Qty		0.00		
	Total Qty		305.20		
	BOQ Qty		305.20		
	Now To Be Paid Qty		305.20	41.17	12565.08

Assistant Engineer

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18	supplying MS pipe.code no.256				
	Name of work	nos			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty Page-34		3770.00		
	Previous Qty		0.00		
	Total Qty		3770.00		
	BOQ Qty		3770.00		
	Now To Be Paid Qty		**3770.00**	**88.96**	**335379.20**
19	Painting on Steel surface :- Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications.complete as per specifications.				
	Name of work	sqm			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty Page-35		401.20		
	Previous Qty		0.00		
	Total Qty		401.20		
	BOQ Qty		401.20		
	Now To Be Paid Qty		**401.20**	**80.11**	**32140.13**
20	Painting new latter and figures any shade with synthetic enamel paint black or any approvel colour to give an even shede complete as per specification (I) Hindi (Matras commas and the like not to be measured and paid for half latter shall be counted as half)				
	Name of work	cum			
	Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura				
	Present Qty page-35		63000.00		
	Previous Qty		0.00		
	Total Qty		63000.00		
	BOQ Qty		63000.00		
	Now To Be Paid Qty		**63000.00**	**1.11**	**69930.00**
				TOTAL	7936346.72

7936252.13
G st 12% 952350.25
total: 88 88602.38
Round off: 88,88,000.00

Assistant Engineer

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Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BRUHAT BANGALORE MAHANAGARA PALIKE

1st and part bill

Name of work:- Package-02 includes 2 works of 133.00 lakhs.

1). Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura

2).Improvements to drains from 15th cross in jakkur layout and construction of rain water units and desilting of drains in ward no.07

Main bill Sheets

MAIN BILL							
Name of the work : Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura							
Name of Agency : Ramesh U							
JOB CODE: 007-19-000012 AND 007-20-000074							
work order amount: 12468819.61 (Excluding GST)							
Sl NO	Description of work	ch	Nos	L	B	D	Qty
Iten No.01	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..						
	Qty Vide page no - (4) of premeasurements sheet					cum	780.01

Assistant Engineer

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Item name:-10	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification					
	cum			Qty vide item no.01		780.01
Iten No.11	Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH					
Qty Vide page no -(5) of premeasurements sheet					m	54.00
						NDD 3/12/20
Iten No.12	Providing 100mm and down size nominal size					
Qty Vide page no -(6) of premeasurements sheet					cum	6.05
						3/12/20
Iten No.13	Providing 40mm and down size nominal size					
Qty Vide page no -(6) of premeasurements sheet					cum	3.02
						3/12/20
Iten No.14	Providing 20mm and down size nominal size					
Qty Vide page no -(7) of premeasurements sheet					cum	1.98 2.02
						3/12/20
Iten No.15	Providing Fine aggrgate 2.36mm nominal size					
Qty Vide page no -(7) of premeasurements sheet					cum	1.44 1.51
						5/12/20
Iten No.03	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick.					
Qty Vide page no -(10) of premeasurements sheet					Sqm	1903.50
Iten No.02	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration inlcuding curing for 14 days including cost of all materials labour, HOM curing, form works, scaffolding and centering complete as per specification					
Qty Vide page no -(17) of premeasurements sheet					cum	122.54

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Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

	Iten No.04	Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work						
	Qty Vide page no - (20) of premeasurements sheet					sqm	352.60
						Ltd to	183-2-0
							NDP

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pal.
Bangalore - 560 092

Item name:-5	Providing granite slabs of selected quality roughly dressed and fix-10cms thick xed in cement mortar (1:6) including fixing curing etc.						
1st main road							
RHS (From dead end)							
8th cross to 7th cross	0-26	30	0.60	0.75			13.50
7th cross to 6th cross	0-25	25	0.60	0.75			11.25
6th cross to 5 th cross	0-25	25	0.60	0.75			11.25
5th cross to 4 th cross	0-24	35	0.60	0.75			15.75
4th cross to 3rd cross	0-25	35	0.60	0.75			15.75
3rd cross road to Main road	0-30	40	0.60	0.75			18.00
	30-60	40	0.60	0.75			18.00
	60-90	40	0.60	0.75			18.00
	90-96	10	0.60	0.75			4.50
LHS(From dead end)							
8th cross to 1st cross	0-31	45	0.60	0.75			20.25
1st cross to 1st B cross	0-36	50	0.60	0.75			22.50
1st B cross to main road	0-30	40	0.60	0.75			18.00
	30-60	45	0.60	0.75			20.25
	60-90	40	0.60	0.75			18.00
	90-117	40	0.60	0.75			18.00
8th A cross	0-30	65	0.60	0.75			29.25
	30-60	65	0.60	0.75			29.25
	60-81	35	0.60	0.75			15.75
7th cross	0-30	75	0.60	0.75			33.75
	30-68	95	0.60	0.75			42.75
6th cross	0-30	65	0.60	0.75			29.25
	30-60	65	0.60	0.75			29.25
	60-80	55	0.60	0.75			24.75
8th cross	0-30	85	0.60	0.75			38.25
	30-37	15	0.60	0.75			6.75
1st cross	0-22	65	0.60	0.75			29.25
1st Bcross	0-30	85	0.60	0.75			38.25
	30-32.5	8	0.60	0.75			3.60
2nd main road near govt school							
2nd A cross	0-30	65	0.60	0.75			29.25
	30-61	70	0.60	0.75			31.50
1st A cross	0-30	45	0.60	0.75			20.25
	30-45	15	0.60	0.75			6.75
7th cross	0-30	40	0.60	0.75			18.00
	30-39	10	0.60	0.75			4.50
RHS(From dead end to main road)							
H6	0-30	50	0.60	0.75			22.50
H6-H1/99/9	30-60	50	0.60	0.75			22.50

748.35

Assistant Engineer

Assistant Executive Engineer
Kodigehalli S/D Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

	H1/99/9- H3/99/9	60-90	50	0.60	0.75		22.50
		90-107	25	0.60	0.75		11.25
		107-113	0	0.60	0.75		0.00
		113-120	11	0.60	0.75		4.95
	h5	120-143	35	0.60	0.75		15.75
		143-150	0	0.60	0.75		0.00
		150-180	50	0.60	0.75		22.50
		180-186	0	0.60	0.75		0.00
		186-210	40	0.60	0.75		18.00
		210-215	8	0.60	0.75		3.60
		215-226	0	0.60	0.75		0.00
		226-240	20	0.60	0.75		9.00
		240-250	16	0.60	0.75		7.20
		250-256	0	0.60	0.75		0.00
		256-269	20	0.60	0.75		9.00
	LHS(From main road to dead end	0		0.60	0.75		0.45
	Durga condiments	0-30	50	0.60	0.75		22.50
		30-37	11	0.60	0.75		4.95
		37-44	0	0.60	0.75		0.00
		44-60	26	0.60	0.75		11.70
		60-73	21	0.60	0.75		9.45
		73-81	0	0.60	0.75		0.00
		81-90	15	0.60	0.75		6.75
		90-112.5	32	0.60	0.75		14.40
		112.5-120	0	0.60	0.75		0.00
		120-145.5	40	0.60	0.75		18.00
		145.50-150					
		150-154					
		154-180	15	0.60	0.75		6.75
		180-186	10	0.60	0.75		4.50
		186-190					
		190-210	10	0.60	0.75		4.50
		210-225	10	0.60	0.75		4.50
	6th A cross (Near Muneshwara temple)						
		0-30	10	0.60	0.75		4.50
		30-60	10	0.60	0.75		4.50
		60-70	5	0.60	0.75		2.25
					Total-Sqm		991.80
					Qty Ltd to		990.00

c&fc 30/12/20

c&fc 28/10

c&fc 30/12/20

243.45

NDP
AE

18.35

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pal
Bangalore - 560 092

Item name:-6	Providing one line dressing to granite stone slabs/granite stone masonry as per specification.						
1st main road							
RHS (From dead end)							
8th cross to 7th cross	0-26	43	0.60	0.75		19.35	
7th cross to 6th cross	0-25	41	0.60	0.75		18.45	
6th cross to 5 th cross	0-25	41	0.60	0.75		18.45	
5th cross to 4 th cross	0-24	40	0.60	0.75		18.00	
4th cross to 3rd cross	0-25	41	0.60	0.75		18.45	
3rd cross road to Main road	0-30	50	0.60	0.75		22.50	
	30-60	50	0.60	0.75		22.50	
	60-90	50	0.60	0.75		22.50	
	90-96	10	0.60	0.75		4.50	
LHS(From dead end)							
8th cross to 1st cross	0-31	51	0.60	0.75		22.95	
1st cross to 1st B cross	0-36	60	0.60	0.75		27.00	
1st B cross to main road	0-30	50	0.60	0.75		22.50	
	30-60	50	0.60	0.75		22.50	
	60-90	50	0.60	0.75		22.50	
	90-117	45	0.60	0.75		20.25	
8th A cross	0-30	100	0.60	0.75		45.00	
	30-60	100	0.60	0.75		45.00	
	60-81	35	0.60	0.75		15.75	
7th cross	0-30	100	0.60	0.75		45.00	
	30-68	126	0.60	0.75		56.70	
6th cross	0-30	100	0.60	0.75		45.00	
	30-60	100	0.60	0.75		45.00	
	60-80	66	0.60	0.75		29.70	
8th cross	0-30	100	0.60	0.75		45.00	
	30-37	22	0.60	0.75		9.90	
1st cross	0-22	72	0.60	0.75		32.40	
1st Bcross	0-30	100	0.60	0.75		45.00	
	30-32.5	8	0.60	0.75		3.60	
2nd main road near govt school							
2nd A cross	0-30	100	0.60	0.75		45.00	
	30-61	102	0.60	0.75		45.90	
1st A cross	0-30	50	0.60	0.75		22.50	
	30-45	25	0.60	0.75		11.25	
7th cross	0-30	100	0.60	0.75		45.00	
	30-39	30	0.60	0.75		13.50	948.60

C & fc 30/12/20

C & fc 30/12/20

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistane Executive Engine

RHS(From dead end to main road)						0.00
H6	0-30	50	0.60	0.75		22.50
H6-H1/99/9	30-60	50	0.60	0.75		22.50
H1/99/9- H3/99/9	60-90	50	0.60	0.75		22.50
	90-107	28	0.60	0.75		12.60
	107-113					
	113-120	11	0.60	0.75		4.95
h5	120-143	38	0.60	0.75		17.10
	143-150					
	150-180	50	0.60	0.75		22.50
	180-186					
	186-210	40	0.60	0.75		18.00
	210-215	8	0.60	0.75		3.60
	215-226					
	226-240	23	0.60	0.75		10.35
	240-250	17	0.60	0.75		7.65
	250-256					
	256-269	22	0.60	0.75		9.90
LHS(From main road to dead end)						
Durga condiments	0-30	50	0.60	0.75		22.50
	30-37	13	0.60	0.75		5.85
	37-44					
	44-60	27	0.60	0.75		12.15
	60-73	22	0.60	0.75		9.90
	73-81					
	81-90	15	0.60	0.75		6.75
	90-112.5	38	0.60	0.75		17.10
	112.5-120					
	120-145.5	43	0.60	0.75		19.35
	145.50-150					
	150-154					
	154-180	43	0.60	0.75		19.35
	180-186	10	0.60	0.75		4.50
	186-190					
	190-210	34	0.60	0.75		15.30
	210-225	25	0.60	0.75		11.25
6th A cross (Near Muneshwara temple)						
	0-30	66	0.60	0.75		29.70
	30-60	66	0.60	0.75		29.70
	60-70	15	0.60	0.75		6.75
5th A cross (old stone slabs)	0-30	91	0.60	0.75		40.95
				Total-Sqm		1373.85

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425.25

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Executive Engin
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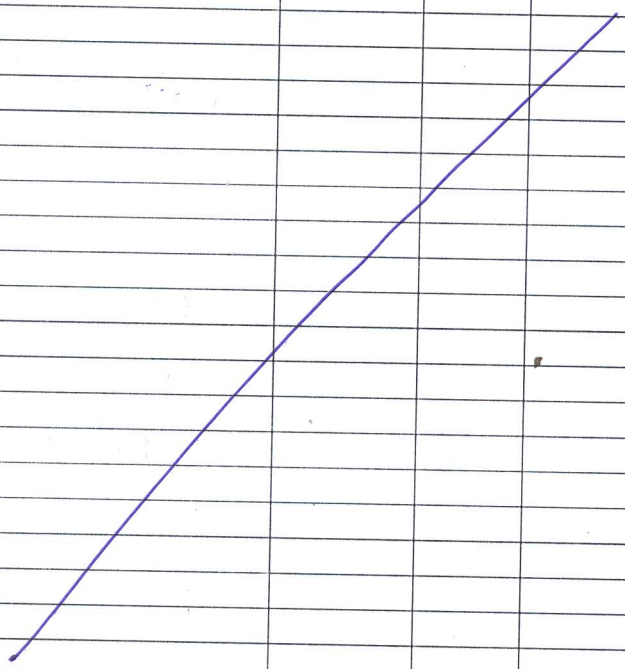
N.D.
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092



Item name:-7	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting						
1st main road							
RHS (From dead end)							
8th cross to 7th cross	0-26	1	57			57.00
7th cross to 6th cross	0-25	1	55			55.00
6th cross to 5 th cross	0-25	1	55			55.00
5th cross to 4 th cross	0-24	1	53			53.00
4th cross to 3rd cross	0-25	1	55			55.00
3rd cross road to Main road	0-30	1	67			67.00
	30-60	1	66			66.00
	60-90	1	66			66.00
	90-96	1	13			13.00
8th cross to 1st cross	0-31	1	69			69.00
1st cross to 1st B cross	0-36	1	80			80.00
1st B cross to main road	0-30	1	66			66.00

Assistant Engineer

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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 002

		30-60	1	66			66.00
		60-90	1	67			67.00
		90-117	1	60			60.00
	8th A cross	0-30	2	66			132,00
		30-60	2	66			132.00
		60-81	1	46			46.00
	7th cross	0-30	2	66			132.00
		30-68	2	84			168.00
	6th cross	0-30	2	66			132.00
		30-60	2	66			132.00
		60-80	2	44			88.00
	8th cross	0-30	2	66			132.00
		30-37	2	15			30.00
	1st cross	0-22	2	48			96.00
	1st Bcross	0-30	2	66			132.00
		30-32.5	2	5			10.00

1555.00

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

2nd main road near govt school							
2nd A cross	0-30	2	66				132.00
	30-61	2	68				136.00
1st A cross	0-30	1	66				66.00
	30-45	1	33				33.00
7th cross	0-30	2	66				132.00
	30-39	2	20				40.00
RHS(From dead end to main road)							
H6	0-30	1	66				66.00
H6-H1/99/9	30-60	1	66				66.00
H1/99/9- H3/99/9	60-90	1	66				66.00
	90-107	1	37				37.00
	107-113	1					0.00
	113-120	1	15				15.00
h5	120-143	1	51				51.00
	143-150	1					0.00
	150-180	1	66				66.00
	180-186	1					0.00
	186-210	1	53				53.00
	210-215	1	11				11.00
	215-226	1					0.00
	226-240	1	31				31.00
	240-250	1	22				22.00
	250-256	1					0.00
	256-269	1	29				29.00
LHS(From main road to dead end)		1					0.00
Durga condiments	0-30	1	66				66.00
	30-37	1	15				15.00
	37-44	1					0.00
	44-60	1	36				36.00
	60-73	1	29				29.00
	73-81	1					0.00
	81-90	1	20				20.00
	90-112.5	1	50				50.00
	112.5-120	1					0.00
	120-145.5	1	56				56.00
	145.50-150	1					0.00
	150-154	1					0.00
	154-180	1	58				58.00
	180-186	1	13				13.00
	186-190	1	0				0.00
	190-210	1	44				44.00
	210-225	1	33				33.00

1432.00

Assistant Engineer

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Kodigehalli Sub Division
Bangalore Mahanagara Palike
Bangalore - 092

	6th A cross (Near Muneshwara temple)						
		0-30	2	66			132.00
		30-60	2	66			132.00
		60-70	2	22			44.00
					Total-Nos		4037.00
							NDP
	Item name:-8	:Providing and applying ready mix priming coat over oncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil. grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specification					
	1st main road						
	RHS (From dead end)						
	8th cross to 7th cross	0-26	1	57.00	0.45		25.65
	7th cross to 6th cross	0-25	1	55.00	0.45		24.75
	6th cross to 5 th cross	0-25	1	55.00	0.45		24.75
	5th cross to 4 th cross	0-24	1	53.00	0.45		23.85
	4th cross to 3rd cross	0-25	1	55.00	0.45		24.75
	3rd cross road to Main road	0-30	1	67.00	0.45		30.15
		30-60	1	66.00	0.45		29.70
		60-90	1	66.00	0.45		29.70
		90-96	1	13.00	0.45		5.85
	8th cross to 1st cross	0-31	1	69.00	0.45		31.05
	1st cross to 1st B cross	0-36	1	80.00	0.45		36.00
	1st B cross to main road	0-30	1	66.00	0.45		29.70
		30-60	1	66.00	0.45		29.70
		60-90	1	67.00	0.45		30.15
		90-117	1	60.00	0.45		27.00
	8th A cross	0-30	2	66.00	0.45		59.40
		30-60	2	66.00	0.45		59.40
		60-81	1	46.00	0.45		20.70
	7th cross	0-30	2	66.00	0.45		59.40
		30-68	2	84.00	0.45		75.60
	6th cross	0-30	2	66.00	0.45		59.40
		30-60	2	66.00	0.45		59.40
		60-80	2	44.00	0.45		39.60
	8th cross	0-30	2	66.00	0.45		59.40
		30-37	2	15.00	0.45		13.50
	1st cross	0-22	2	48.00	0.45		43.20
	1st Bcross	0-30	2	66.00	0.45		59.40

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

2nd main road near govt school							
	2nd A cross	0-30	2	66.00	0.45		59.40
		30-61	2	68.00	0.45		61.20
	1st A cross	0-30	1	66.00	0.45		29.70
		30-45	1	33.00	0.45		14.85
	7th cross	0-30	2	66.00	0.45		59.40
	0	30-39	2	20.00	0.45		18.00
RHS(From dead end to main road)							
	H6	0-30	1	66.00	0.45		29.70
	H6-H1/99/9	30-60	1	66.00	0.45		29.70
	H1/99/9- H3/99/9	60-90	1	66.00	0.45		29.70
		90-107	1	37.00	0.45		16.65
		107-113					
		113-120	1	15.00	0.45		6.75
	h5	120-143	1	51.00	0.45		22.95
		143-150					
		150-180	1	66.00	0.45		29.70
		180-186					
		186-210	1	53.00	0.45		23.85
		210-215	1	11.00	0.45		4.95
		215-226					
		226-240	1	31.00	0.45		13.95
		240-250	1	22.00	0.45		9.90
		250-256					
		256-269	1	29.00	0.45		13.05
LHS(From main road to dead end)							
	Durga condiments	0-30	1	66.00	0.45		29.70
		30-37	1	15.00	0.45		6.75
		37-44					
		44-60	1	36.00	0.45		16.20
		60-73	1	29.00	0.45		13.05
		73-81					
		81-90	1	20.00	0.45		9.00
		90-112.5	1	50.00	0.45		22.50
		112.5-120					
		120-145.5	1	56.00	0.45		25.20
		145.50-150					
		150-154					
		154-180	1	58.00	0.45		26.10
		180-186	1	13.00	0.45		5.85
		186-190					
		190-210	1	44.00	0.45		19.80
		210-225	1	33.00	0.45		14.85
	6th A cross (Near Muneshwara temple)						
		0-30	2	66.00	0.45		59.40
		30-60	2	66.00	0.45		59.40
		60-70	2	22.00	0.45		19.80
					Total-Sqm		1812.15

20/12/20

30/12/20

806.00

Assistant Engineer

Assistant Executive Engineer
Kodigehalli
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	Item name:-9	Providing and fixing MS Grating 260x260 mm					
	1st main road						
	RHS (From dead end)						
	8th cross to 7th cross		10				10.00
	7th cross to 6th cross		10				10.00
	6th cross to 5 th cross		10				10.00
	5th cross to 4 th cross		8				8.00
	4th cross to 3rd cross		8				8.00
	3rd cross road to Main road		10				10.00
	8th cross to 1st cross		9				9.00
	1st cross to 1st B cross		9				9.00
	1st B cross to main road		9				9.00
	8th A cross		10				10.00
	7th cross		10				10.00
	6th cross		10				10.00
	8th cross		10				10.00
	1st cross		8				8.00
	1st Bcross		10				10.00
	2nd main road near govt school		85				85.00
	2nd A cross		10				10.00
	1st A cross		6				6.00
	7th cross		6				6.00
	6th A cross (Near Muneshwara temple)		6				6.00
					Total-nos		254.00

30/12/20

AEE

AE

Item name:-16	Direction and place identification signs upto 0.9 sqm size Board - Providing and erecting direction and place identification retro-reflectorised signs as per revised IRC : 67-2012 made of high intensity grade sheeting vide clause 800.1.3, fixed over aluminium sheeting, 2mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75x75x6mm firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 45x45x60cm, 60cm below ground level as per approved drawing complete as per specifications. MORTH Specification No.801 Type IV sheeting						
	Name board	100	0.6	0.45			27.00
	Small zize	100	0.6	0.15			9.00
							36.00
Item name:-17	Providing and applying readymix priming coat concrete / masonry / asbestos cement sheet /plasterd surface including preparing the surface after throughly cleaning of oil grease dirt and other foreign matter and sand papering cost of materials labour as per specifications						
	Name board- new (Bigger width) (two sides)	30	0.60			0.45	16.20
		25	0.60			0.45	13.50
		45	0.60			0.45	24.30
	(Smaller width)	30	0.60			0.15	5.40
		25	0.60			0.15	4.50
		45	0.60			0.15	8.10
	Pipes	30	0.31			2.60	24.18
		25	0.31			2.60	20.15
		45	0.31			2.60	36.27
	Existing boards-(Bigger width)	50	0.60			0.45	27.00
		20	0.60			0.45	10.80
		30	0.60			0.45	16.20
	Smaller width	50	0.60			0.15	9.00
		20	0.60			0.15	3.60
		30	0.60			0.15	5.40
	Pipes	50	0.31			2.60	40.30
		20	0.31			2.60	16.12
		30	0.31			2.60	24.18
					Total-Sqm		305.20
Item name:-18	Supplying MS pipe.code no.256						
	Pipes	30	14.50			2.60	1131.00
		25	14.50			2.60	942.50
		45	14.50			2.60	1696.50
					Total		3770.00

Assistant Engineer

Assistane Executive Engineer

	Item name:-19	Painting on Steel surface :- Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications.complete as per specifications.					
	New boards (two sides)	30	0.31			2.60	24.18
		25	0.31			2.60	20.15
		45	0.31			2.60	36.27
		30				0.60	36.00
		25				0.60	30.00
		45				0.60	54.00
	Old boards	50	0.31			2.60	40.30
		20	0 31			2.60	16.12
		30	0.31			2.60	24.18
		50				0.60	60.00
		20				0.60	24.00
		30				0.60	36.00
						Total-Sqm	401.20
							NDP AE
	Item name:-20	Painting new latter and figures any shade with synthetic enamel paint black or any approvel colour to give an even shede complete as per specification (I) Hindi (Matras commas and the like not to be measured and paid for half latter shall be counted as half)					
	New boards	30	7	45			9450.00
		25	7	45			7875.00
		45	7	45			14175.00
	Old boards	50	7	45			15750.00
		20	7	45			6300.00
		30	7	45			9450.00
					Total		63000.00
							NDP AE 28/

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

BRUHAT BANGALORE MAHANAGARA PALIKE

1st and part bill

Name of work:- Package-02 includes 2 works of 133.00 lakhs.

1). Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura

2).Improvements to drains from 15th cross in jakkur layout and construction of rain water units and desilting of drains in ward no.07

Premeasurements sheets

BRUHAT BANGALORE MAHANAGARA PALIKE

Premeasurements sheets

Name of the work : Improvements to drains 1st to 3rd cross roads in Amruthanagara A sector in ward no.07, Byatarayanapura

Name of Agency : Ramesh U

JOB CODE: 007-19-000012 AND 007-20-000074

work order amount: 12468819.61 (Excluding GST)

Item name:-01 — Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..

SL No	Particulars	ch	Nos	L	B	D	Qty
	1st main road						
	RHS (From dead end)						
	8th cross to 7th cross	0-26	1	26.0	0.60	0.60	9.36
	7th cross to 6th cross	0-25	1	25.0	0.60	0.60	9.00
	6th cross to 5 th cross	0-25	1	25.0	0.60	0.60	9.00
	5th cross to 4 th cross	0-24	1	24.0	0.60	0.60	8.64
	4th cross to 3rd cross	0-25	1	25.0	0.60	0.60	9.00
	3rd cross road to Main road	0-30	1	30.0	0.60	0.60	10.80
		30-60	1	30.0	0.60	0.60	10.80
		60-90	1	30.0	0.60	0.60	10.80
		90-96	1	6.0	0.60	0.60	2.16
	LHS(From dead end)						
	8th cross to 1st cross	0-31	1	31.0	0.60	0.60	11.16
	1st cross to 1st B cross	0-36	1	36.0	0.60	0.60	12.96
	1st B cross to main road	0-30	1	30.0	0.60	0.60	10.80
		30-60	1	30.0	0.60	0.60	10.80
		60-90	1	30.0	0.60	0.60	10.80
		90-117	1	27.0	0.60	0.60	9.72
	8th A cross	0-30	2	30.00	0.60	0.60	21.60
		30-60	2	30.00	0.60	0.60	21.60
		60-81	1	21.00	0.60	0.60	7.56
	7th cross	0-30	2	30.00	0.60	0.60	21.60
		30-68	2	38.00	0.60	0.60	27.36
	6th cross	0-30	2	30.00	0.60	0.60	21.60
		30-60	2	30.00	0.60	0.60	21.60
		60-80	2	20.00	0.60	0.60	14.40
	8th cross	0-30	2	30.00	0.60	0.60	21.60
		30-37	2	7.00	0.60	0.60	5.04

389.76

Assistant Engineer

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Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	1st cross	0-22	2	22.00	0.60	0.60	15.84
	1st Bcross	0-30	2	30.00	0.60	0.60	21.60
		30-32.5	2	2.50	0.60	0.60	1.80
	2nd main road near govt school						
	2nd A cross	0-30	2	30.00	0.60	0.60	21.60
		30-61	2	31.00	0.60	0.60	22.32
	1st A cross	0-30	1	30.00	0.60	0.60	10.80
		30-45	1	15.00	0.60	0.60	5.40
	2nd main road						
	7th cross	0-30	2	30.00	0.60	0.60	21.60
		30-39	2	9.00	0.60	0.60	6.48
	2nd main road RHS(From dead end to main road)						
	H6	0-30	1	30.00	0.60	0.60	10.80
	H6-H1/99/9	30-60	1	30.00	0.60	0.60	10.80
	H1/99/9- H3/99/9	60-90	1	30.00	0.60	0.60	10.80
		90-107	1	17.00	0.60	0.60	6.12
		107-113	0				
		113-120	1	7.00	0.60	0.60	2.52
	h5	120-143	1	23.00	0.60	0.60	8.28
		143-150	0				
		150-180	1	30.00	0.60	0.60	10.80
		180-186	0				
		186-210	1	24.00	0.60	0.60	8.64
		210-215	1	5.00	0.60	0.60	1.80
		215-226	0				
		226-240	1	14.00	0.60	0.60	5.04
		240-250	1	10.00	0.60	0.60	3.60
		250-256	0				
		256-269	1	13.00	0.60	0.60	4.68
	LHS(From main road to dead end)						
	Durga condiments	0-30	1	30.00	0.60	0.60	10.80
		30-37	1	7.00	0.60	0.60	2.52
		37-44	0				
		44-60	1	16.00	0.60	0.60	5.76
		60-73	1	13.00	0.60	0.60	4.68
		73-81	0				
		81-90	1	9.00	0.60	0.60	3.24
		90-112.5	1	22.50	0.60	0.60	8.10
		112.5-120	0				
		120-145.5	1	25.50	0.60	0.60	9.18
		145.50-150	0				
		150-154	0				
		154-180	1	26.00	0.60	0.60	9.36

264.96

Assistant Engineer

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Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore

		180-186	1	6.00	0.60	0.60	2.16
		186-190	0				
		190-210	1	20.00	0.60	0.60	7.20
		210-225	1	15.00	0.60	0.60	5.40
	6th A cross (Near Muneshwara temple)						
		0-30	2	30.00	0.60	0.60	21.60
		30-60	2	30.00	0.60	0.60	21.60
		60-70	2	10.00	0.60	0.60	7.20
						A	659.88
	RWH Units (3.14/4*0.8*0.8=0.502)	1			0.502	3.00	1.51
	6th cross	1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
	8th A cross	1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
	8th cross	1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
	1st main road	1			0.502	3.00	1.51
		1			0.502	3.00	1.51

65.16

19.59

264.96

Assistant Engineer

3

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Kodigehalli Sub Division
Bruhat Bangalore Mahanagara P
Bangalore - 560 092

		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		1			0.502	3.00	1.51
		18				B	27.13
	Over burden earth		1	5.00	1.50	0.60	4.50
	near sarada school		1	10.00	1.50	0.50	7.50
	near park		1	15.00	2.00	1.00	30.00
	near park		1	5.00	3.50	2.00	35.00
	near park		1	10.00	2.00	0.80	16.00
						C	93.00
						Total-cum	780.01

Item name:-10	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification

		cum			Qty vide item no.01		780.01

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	Item name:-11	Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia					
	6th cross	1	3				3.00
		1	3				3.00
		1	3				3.00
		1	3				3.00
	8th A cross	1	3				3.00
		1	3				3.00
		1	3				3.00
	8th cross	1	3				3.00
		1	3				3.00
		1	3				3.00
	1st main road	1	3				3.00
		1	3				3.00
		1	3				3.00
		1	3				3.00
		1	3				3.00
		1	3				3.00
		1	3				3.00
		1	3				3.00
		18	54		Total -m		54.00

Item name:-12		Providing 100mm and down size nominal size				
	RWH (3.14/4*0.6*0.6=0.208)	1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		1	0.28		1.20	0.34
		18		Total-cum		6.05
Item name:-13		Providing 40mm and down size nominal size				
	RWH (3.14/4*0.6*0.6=0.208)	1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
		1	0.28		0.60	0.17
				Total-cum		3.02

C4FC 3/12/20

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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item name:-14	Providing 20mm and down size nominal size					
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
		1	0.28		0.4	0.11
				Total-cum		1.98 2.02
						NDP AE 3/12/20
Item name:-15	Providing Fine aggrgate 2.36mm nominal size					
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
		1	0.28		0.30	0.08
				Total-cum		1.512 1.44
						NDP AE 3/12/20

C & FC 3/12/20

C & FC 3/12/20

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Assistant Engineer

Assistane Executive Engineer

Bruhat Bangalore Mahanagara Pa... Bangalore - 560 092

Item name:-03	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick.					
1st main road						
RHS (From dead end)						
8th cross to 7th cross	0-26	1	22.00	1.35		29.70
7th cross to 6th cross	0-25	1	21.00	1.35		28.35
6th cross to 5 th cross	0-25	1	21.00	1.35		28.35
5th cross to 4 th cross	0-24	1	20.00	1.35		27.00
4th cross to 3rd cross	0-25	1	25.00	1.35		33.75
3rd cross road to Main road	0-30	1	30.00	1.35		40.50
	30-60	1	15.00	1.35		20.25
	60-90	1	30.00	1.35		40.50
	90-96	1	6.00	1.35		8.10
LHS(From dead end)						
8th cross to 1st cross	0-31	1	26.00	1.35		35.10
1st cross to 1st B cross	0-36	1	31.00	1.35		41.85
1st B cross to main road	0-30	1	26.00	1.35		35.10
	30-60	1	28.00	1.35		37.80
	60-90	1	29.00	1.35		39.15
	90-117	1	27.00	1.35		36.45
8th A cross	0-30	2	29.00	1.35		78.30
	30-60	2	29.00	1.35		78.30
	60-81	1	21.00	1.35		28.35
7th cross	0-30	2	29.00	1.35		78.30
	30-68	2	35.00	1.35		94.50
6th cross	0-30	2	28.00	1.35		75.60
	30-60	2	28.00	1.35		75.60
	60-80	2	15.00	1.35		40.50
8th cross	0-30	2	25.00	1.35		67.50
	30-37	2	7.00	1.35		18.90
1st cross	0-22	2	22.00	1.35		59.40
1st Bcross	0-30	2	22.00	1.35		59.40
	30-32.5	2	2.50	1.35		6.75
2nd main road near govt school						
2nd A cross	0-30	2	26.00	1.35		70.20
	30-61	2	29.00	1.35		78.30

1391.85

14/10/20

14/10/20

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Bangalore - 560 002

	1st A cross	0-30	1	15.00	1.35		20.25
		30-45	1	15.00	1.35		20.25
	2nd main road						
	7th cross	0-30	2	20.00	1.35		54.00
		30-39	2	20.00	1.35		54.00
	2nd main road						
	RHS(From dead end to main road)						
	H6	0-30	1	15.00	1.35		20.25
	H6-H1/99/9	30-60	1	15.00	1.35		20.25
	H1/99/9- H3/99/9	60-90	1	15.00	1.35		20.25
		90-107	1	10.00	1.35		13.50
		107-113	0				
		113-120	1	5.00	1.35		6.75
	h5	120-143	1	15.00	1.35		20.25
		143-150	0				
		150-180	1	10.00	1.35		13.50
		180-186	0				
		186-210	1	11.00	1.35		14.85
		210-215	1	8.00	1.35		10.80
		215-226	0				
		226-240	1	11.00	1.35		14.85
		240-250	1	11.00	1.35		14.85
		250-256	0		1.35		0.00
		256-269	1	12.00	1.35		16.20

334.80

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Bangalore - 560 092

	LHS(From main road to dead end)						
	Durga condiments	0-30	1	10.00	1.35		13.50
		30-37	1	5.00	1.35		6.75
		37-44	0				
		44-60	1	10.00	1.35		13.50
		60-73	1	10.00	1.35		13.50
		73-81	0				
		81-90	1	5.00	1.35		6.75
		90-112.5	1	10.00	1.35		13.50
		112.5-120	0				
	C&FC	120-145.5	1	5.00	1.35		6.75
		145.50-150	0				
	22/10/20	150-154	0				
		154-180	1	10.00	1.35		13.50
		180-186	1	5.00	1.35		6.75
		186-190	0				
		190-210	1	10.00	1.35		13.50
		210-225	1	10.00	1.35		13.50
	6th A cross (Near Muneshwara temple)						
		0-30	2	10.00	1.35		27.00
		30-60	2	15.00	1.35		40.50
		60-70	2	5.00	1.35		13.50 202.50
					Total Qty-Sqm		1929.15
					Qty ltd to		1903.50
							NDD AE 22/10/20

Assistant Engineer

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Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

	Item name:-02	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration inlcuding curing for 14 days including cost of all materials labour, HOM curing, form works, scaffolding and centering complete as per specification					
	Below solid block						
	1st main road						
	RHS (From dead end)						
	8th cross to 7th cross	0-26	1	26.0	0.15	0.15	0.59
	7th cross to 6th cross	0-25	1	25.0	0.15	0.15	0.56
	6th cross to 5 th cross	0-25	1	25.0	0.15	0.15	0.56
	5th cross to 4 th cross	0-24	1	24.0	0.15	0.15	0.54
	4th cross to 3rd cross	0-25	1	25.0	0.15	0.15	0.56
	3rd cross road to Main road	0-30	1	30.0	0.15	0.15	0.68
		30-60	1	30.0	0.15	0.15	0.68
		60-90	1	30.0	0.15	0.15	0.68
		90-96	1	6.0	0.15	0.15	0.14
	LHS(From dead end)						
	8th cross to 1st cross	0-31	1	31.0	0.15	0.15	0.70
	1st cross to 1st B cross	0-36	1	36.0	0.15	0.15	0.81
	1st B cross to main road	0-30	1	30.0	0.15	0.15	0.68
		30-60	1	30.0	0.15	0.15	0.68
		60-90	1	30.0	0.15	0.15	0.68
		90-117	1	27.0	0.15	0.15	0.61
	8th A cross	0-30	2	30.00	0.15	0.15	1.35
		30-60	2	30.00	0.15	0.15	1.35
		60-81	1	21.00	0.15	0.15	0.47
	7th cross	0-30	2	30.00	0.15	0.15	1.35
		30-68	2	38.00	0.15	0.15	1.71
	6th cross	0-30	2	30.00	0.15	0.15	1.35
		30-60	2	30.00	0.15	0.15	1.35
		60-80	2	20.00	0.15	0.15	0.90
	8th cross	0-30	2	30.00	0.15	0.15	1.35
		30-37	2	7.00	0.15	0.15	0.32
	1st cross	0-22	2	22.00	0.15	0.15	0.99
	1st Bcross	0-30	2	30.00	0.15	0.15	1.35
		30-32.5	2	2.50	0.15	0.15	0.11

93.06

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Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	2nd main road near govt school						
	2nd A cross	0-30	2	30.00	0.15	0.15	1.35
		30-61	2	31.00	0.15	0.15	1.40
	1st A cross	0-30	1	30.00	0.15	0.15	0.68
		30-45	1	15.00	0.15	0.15	0.34
	7th cross	0-30	2	30.00	0.15	0.15	1.35
		30-39	2	9.00	0.15	0.15	0.41
	2nd main road						
	RHS(From dead end to main road)						
	H6	0-30	1	30.00	0.15	0.15	0.68
	H6-H1/99/9	30-60	1	30.00	0.15	0.15	0.68
	H1/99/9- H3/99/9	60-90	1	30.00	0.15	0.15	0.68
		90-107	1	17.00	0.15	0.15	0.38
		107-113					
		113-120	1	7.00	0.15	0.15	0.16
	h5	120-143	1	23.00	0.15	0.15	0.52
		143-150					
		150-180	1	30.00	0.15	0.15	0.68
		180-186					
		186-210	1	24.00	0.15	0.15	0.54
		210-215	1	5.00	0.15	0.15	0.11
		215-226					
		226-240	1	14.00	0.15	0.15	0.32
		240-250	1	10.00	0.15	0.15	0.23
		250-256					
		256-269	1	13.00	0.15	0.15	0.29
	LHS(From main road to dead end)						
	Durga condiments	0-30	1	30.00	0.15	0.15	0.68
		30-37	1	7.00	0.15	0.15	0.16
		37-44					
		44-60	1	16.00	0.15	0.15	0.36
		60-73	1	13.00	0.15	0.15	0.29
		73-81					
		81-90	1	9.00	0.15	0.15	0.20
		90-112.5	1	22.50	0.15	0.15	0.51
		112.5-120					
		120-145.5	1	25.50	0.15	0.15	0.57
		145.50-150					
		150-154					
		154-180	1	26.00	0.15	0.15	0.59
		180-186	1	6.00	0.15	0.15	0.14
		186-190					
		190-210	1	20.00	0.15	0.15	0.45
		210-225	1	15.00	0.15	0.15	0.34

15.03

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Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

6th A cross

6th A cross (Near Muneshwara temple)							
	0-30	2	30.00	0.15	0.15	1.35
	30-60	2	30.00	0.15	0.15	1.35
	60-70	2	10.00	0.15	0.15	0.45
					A	41.24
coping						
1st main road						
RHS (From dead end)						
8th cross to 7th cross	0-26	1	26.00	0.15	0.15	0.59
7th cross to 6th cross	0-25	1	25.00	0.15	0.15	0.56
6th cross to 5 th cross	0-25	1	25.00	0.15	0.15	0.56
5th cross to 4 th cross	0-24	1	24.00	0.15	0.15	0.54
4th cross to 3rd cross	0-25	1	25.00	0.15	0.15	0.56
3rd cross road to Main road	0-30	1	30.00	0.15	0.15	0.68
	30-60	1	30.00	0.15	0.15	0.68
	60-90	1	30.00	0.15	0.15	0.68
	90-96	1	6.00	0.15	0.15	0.14
LHS(From dead end)						
8th cross to 1st cross	0-31	1	31.00	0.15	0.15	0.70
1st cross to 1st B cross	0-36	1	36.00	0.15	0.15	0.81
1st B cross to main road	0-30	1	30.00	0.15	0.15	0.68
	30-60	1	30.00	0.15	0.15	0.68
	60-90	1	30.00	0.15	0.15	0.68
	90-117	1	27.00	0.15	0.15	0.61
8th A cross	0-30	2	30.00	0.15	0.15	1.35
	30-60	2	30.00	0.15	0.15	1.35
	60-81	1	21.00	0.15	0.15	0.47
7th cross	0-30	2	30.00	0.15	0.15	1.35
	30-68	2	38.00	0.15	0.15	1.71
6th cross	0-30	2	30.00	0.15	0.15	1.35
	30-60	2	30.00	0.15	0.15	1.35
	60-80	2	20.00	0.15	0.15	0.90
8th cross	0-30	2	30.00	0.15	0.15	1.35
	30-37	2	7.00	0.15	0.15	0.32
1st cross	0-22	2	22.00	0.15	0.15	0.99
1st Bcross	0-30	2	30.00	0.15	0.15	1.35
	30-32.5	2	2.50	0.15	0.15	0.11

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Kodigehalli Sub Division
Bangalore - 560 092

	2nd main road near govt school						
	2nd A cross	0-30	2	30.00	0.15	0.15	1.35
		30-61	2	31.00	0.15	0.15	1.40
	1st A cross	0-30	1	30.00	0.15	0.15	0.68
		30-45	1	15.00	0.15	0.15	0.34
	7th cross	0-30	2	30.00	0.15	0.15	1.35
		30-39	2	9.00	0.15	0.15	0.41
	2nd main road						
	RHS(From dead end to main road)						
	H6	0-30	1	30.00	0.15	0.15	0.68
	H6-H1/99/9	30-60	1	30.00	0.15	0.15	0.68
	H1/99/9- H3/99/9	60-90	1	30.00	0.15	0.15	0.68
		90-107	1	17.00	0.15	0.15	0.38
		107-113					
		113-120	1	7.00	0.15	0.15	0.16
	h5	120-143	1	23.00	0.15	0.15	0.52
		143-150					
		150-180	1	30.00	0.15	0.15	0.68
		180-186					
		186-210	1	24.00	0.15	0.15	0.54
		210-215	1	5.00	0.15	0.15	0.11
		215-226					
		226-240	1	14.00	0.15	0.15	0.32
		240-250	1	10.00	0.15	0.15	0.23
		250-256					
		256-269	1	13.00	0.15	0.15	0.29
	LHS(From main road to dead end)						
	Durga condiments	0-30	1	30.00	0.15	0.15	0.68
		30-37	1	7.00	0.15	0.15	0.16
		37-44					
		44-60	1	16.00	0.15	0.15	0.36
		60-73	1	13.00	0.15	0.15	0.29
		73-81					
		81-90	1	9.00	0.15	0.15	0.20
		90-112.5	1	22.50	0.15	0.15	0.51
		112.5-120					
		120-145.5	1	25.50	0.15	0.15	0.57
		145.50-150					
		150-154					
		154-180	1	26.00	0.15	0.15	0.59
		180-186	1	6.00	0.15	0.15	0.14
		186-190					
		190-210	1	20.00	0.15	0.15	0.45
		210-225	1	15.00	0.15	0.15	0.34

15.03

C & E 5/12/20

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Assistant Engineer

Assistant Executive Engineer
Yodigehalli Executive Engineer
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	6th A cross (Near Muneshwara temple)						
		0-30	2	30.00	0.15	0.15	1.35
		30-60	2	30.00	0.15	0.15	1.35
		60-70	2	10.00	0.15	0.15	0.45
						B	**41.24**
	Below kerb						
	1st main road						
	RHS (From dead end)						
	8th cross to 7th cross	0-26	1	26.00	0.15	0.15	0.59
	7th cross to 6th cross	0-25	1	25.00	0.15	0.15	0.56
	6th cross to 5 th cross	0-25	1	25.00	0.15	0.15	0.56
	5th cross to 4 th cross	0-24	1	24.00	0.15	0.15	0.54
	4th cross to 3rd cross	0-25	1	25.00	0.15	0.15	0.56
	3rd cross road to Main road	0-30	1	30.00	0.15	0.15	0.68
		30-60	1	30.00	0.15	0.15	0.68
		60-90	1	30.00	0.15	0.15	0.68
		90-96	1	6.00	0.15	0.15	0.14
	LHS(From dead end)						
	8th cross to 1st cross	0-31	1	31.00	0.15	0.15	0.70
	1st cross to 1st B cross	0-36	1	36.00	0.15	0.15	0.81
	1st B cross to main road	0-30	1	30.00	0.15	0.15	0.68
		30-60	1	30.00	0.15	0.15	0.68
		60-90	1	30.00	0.15	0.15	0.68
		90-117	1	27.00	0.15	0.15	0.61
	8th A cross	0-30	2	30.00	0.15	0.15	1.35
		30-60	2	30.00	0.15	0.15	1.35
		60-81	1	21.00	0.15	0.15	0.47
	7th cross	0-30	2	30.00	0.15	0.15	1.35
		30-68	2	38.00	0.15	0.15	1.71
	6th cross	0-30	2	30.00	0.15	0.15	1.35
		30-60	2	30.00	0.15	0.15	1.35
		60-80	2	20.00	0.15	0.15	0.90
	8th cross	0-30	2	30.00	0.15	0.15	1.35
		30-37	2	7.00	0.15	0.15	0.32
	1st cross	0-22	2	22.00	0.15	0.15	0.99
	1st Bcross	0-30	2	30.00	0.15	0.15	1.35
		30-32.5	2	2.50	0.15	0.15	0.11

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

	2nd main road near govt school						
	2nd A cross	0-30	2	30.00	0.15	0.15	1.35
		30-61	2	31.00	0.15	0.15	1.40
	1st A cross	0-30	1	30.00	0.15	0.15	0.68
		30-45	1	15.00	0.15	0.15	0.34
	7th cross	0-30	2	30.00	0.15	0.15	1.35
		30-39	2	9.00	0.15	0.15	0.41
RHS(From dead end to main road)							
	H6	0-30	1	30.00	0.15	0.15	0.68
	H6-H1/99/9	30-60	1	30.00	0.15	0.15	0.68
	H1/99/9- H3/99/9	60-90	1	30.00	0.15	0.15	0.68
		90-107	1	17.00	0.15	0.15	0.38
		107-113					
		113-120	1	7.00	0.15	0.15	0.16
	h5	120-143	1	23.00	0.15	0.15	0.52
		143-150					
		150-180	1	30.00	0.15	0.15	0.68
		180-186					
		186-210	1	24.00	0.15	0.15	0.54
		210-215	1	5.00	0.15	0.15	0.11
		215-226					
		226-240	1	14.00	0.15	0.15	0.32
		240-250	1	10.00	0.15	0.15	0.23
		250-256					
		256-269	1	13.00	0.15	0.15	0.29
LHS(From main road to dead end)							
	Durga condiments	0-30	1	30.00	0.15	0.15	0.68
		30-37	1	7.00	0.15	0.15	0.16
		37-44					
		44-60	1	16.00	0.15	0.15	0.36
		60-73	1	13.00	0.15	0.15	0.29
		73-81					
		81-90	1	9.00	0.15	0.15	0.20
		90-112.5	1	22.50	0.15	0.15	0.51
		112.5-120					
		120-145.5	1	25.50	0.15	0.15	0.57
		145.50-150					
		150-154					
		154-180	1	26.00	0.15	0.15	0.59
		180-186	1	6.00	0.15	0.15	0.14
		186-190					
		190-210	1	20.00	0.15	0.15	0.45
		210-225	1	15.00	0.15	0.15	0.34

c + fc 18/12/20

NDP 18/12/20.

c + fc 19/12/20

15.03

Assistant Engineer

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Kodigehalli
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	6th A cross (Near Muneshwara temple)						
		0-30	2	30.00	0.15	0.15	1.35
		30-60	2	30.00	0.15	0.15	1.35
		60-70	2	10.00	0.15	0.15	0.45
						C	41.24
	Ramps for Culverts						
	8th A cross		2	6.50	0.45	0.15	0.88
			2	5.00	0.45	0.15	0.68
	Near temple poojari house		1	7.00	0.60	0.15	0.63
							2.18
	Deductions for Shoulder drain openings						125.91
				150.00	0.15	0.15	3.38
					Total		**122.54**

3.15

CAR 19/12/20

NRD 19/12/20.

Assistant Engineer

Assistant Executive Engineer
Rajarajeshwari Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

	Item name:-04	Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	1st main road						
	RHS (From dead end)						
	8th cross to 7th cross	0-26	2	26.00	0.10		5.20
	7th cross to 6th cross	0-25	2	25.00	0.10		5.00
	6th cross to 5 th cross	0-25	2	25.00	0.10		5.00
	5th cross to 4 th cross	0-24	2	24.00	0.10		4.80
	4th cross to 3rd cross	0-25	2	25.00	0.10		5.00
	3rd cross road to Main road	0-30	2	30.00	0.10		6.00
		30-60	2	30.00	0.10		6.00
		60-90	2	30.00	0.10		6.00
		90-96	2	6.00	0.10		1.20
	LHS(From dead end)						
	8th cross to 1st cross	0-31	2	31.00	0.10		6.20
	1st cross to 1st B cross	0-36	2	36.00	0.10		7.20
	1st B cross to main road	0-30	2	30.00	0.10		6.00
		30-60	2	30.00	0.10		6.00
		60-90	2	30.00	0.10		6.00
		90-117	2	27.00	0.10		5.40
	8th A cross	0-30	4	30.00	0.10		12.00
		30-60	4	30.00	0.10		12.00
		60-81	2	21.00	0.10		4.20
	7th cross	0-30	4	30.00	0.10		12.00
		30-68	4	38.00	0.10		15.20
	6th cross	0-30	4	30.00	0.10		12.00
		30-60	4	30.00	0.10		12.00
		60-80	4	20.00	0.10		8.00
	8th cross	0-30	4	30.00	0.10		12.00
		30-37	4	7.00	0.10		2.80
	1st cross	0-22	4	22.00	0.10		8.80
	1st Bcross	0-30	4	30.00	0.10		12.00
		30-32.5	4	2.50	0.10		1.00

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

Assistane Executive Engineer

2nd main road near govt school							
	2nd A cross	0-30	4	30.00	0.10		12.00
		30-61	4	31.00	0.10		12.40
	1st A cross	0-30	2	30.00	0.10		6.00
		30-45	2	15.00	0.10		3.00
	7th cross	0-30	4	30.00	0.10		12.00
		30-39	4	9.00	0.10		3.60
RHS(From dead end to main road)							
	H6	0-30	2	30.00	0.10		6.00
	H6-H1/99/9	30-60	2	30.00	0.10		6.00
	H1/99/9- H3/99/9	60-90	2	30.00	0.10		6.00
		90-107	2	17.00	0.10		3.40
		107-113					
		113-120	2	7.00	0.10		1.40
	h5	120-143	2	23.00	0.10		4.60
		143-150					
		150-180	2	30.00	0.10		6.00
		180-186					
		186-210	2	24.00	0.10		4.80
		210-215	2	5.00	0.10		1.00
		215-226					
		226-240	2	14.00	0.10		2.80
		240-250	2	10.00	0.10		2.00
		250-256					
		256-269	2	13.00	0.10		2.60

c&c 28/11/20

95.60

NDP 28/11/20

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer

LHS(From main road to dead end)							
	Durga condiments	0-30	2	30.00	0.10		6.00
		30-37	2	7.00	0.10		1.40
		37-44					
		44-60	2	16.00	0.10		3.20
		60-73	2	13.00	0.10		2.60
		73-81					
		81-90	2	9.00	0.10		1.80
		90-112.5	2	22.50	0.10		4.50
		112.5-120					
		120-145.5	2	25.50	0.10		5.10
		145.50-150					
		150-154					
		154-180	2	26.00	0.10		5.20
		180-186	2	6.00	0.10		1.20
		186-190					
		190-210	2	20.00	0.10		4.00
		210-225	2	15.00	0.10		3.00
	6th A cross (Near Muneshwara temple)						
		0-30	2	30.00	0.10		6.00
		30-60	2	30.00	0.10		6.00
		60-70	2	10.00	0.10		2.00
					Total-Sqm		352.60
					Qty Ltd		183.20

c & fc
28/11/20

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NDP
AE 28/11/20

Improvem
'A' sec

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Improvements to drains of 1st to 3rd cross roads in Amruthanagara 'A' sector in ward no. 67, byatarayanapura.

M.N.D
AE(W27)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pali..
Bangalore - 560 092